AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 2, line 19, with the following rewritten paragraph:

The MPLS Protocol is shown in Figure 1. The overhead (10) is 4 bytes and consists of the fields Label (20) (20 bits), Exp (30) (3 bits), S (40) (1 bit) and TTL (50) (8 bits). EXP means EXPerimental bits and may be used when mapping traffic classes from i. e. IP Differentiated Services field (ToS). The S bit (40) indicates Stack depth of MPLS. When S is set, it means that this is the innermost stack. TTL means Time To Live and is adapted from the IPv4 indicating how many hops the packet is allowed to travel before it is being terminated.

10/21/10

Please replace the paragraph beginning at page ~~1~~ 2, line 28, with the following rewritten paragraph:

The standard way of using MPLS is to use it in addition to various protocols, just adding more packet overhead for control information. The application type decides what the rest of the protocol stack looks like. Real time traffic has other requirements than non-real-time traffic. Voice traffic may use a protocol stack (100) as shown in Figure 2.

Please delete the paragraph beginning at page 3, line 21:

~~(If only MPLS, and a label stacking technique as described above is used, the SDH/SONET/ATM/Ethernet packet payload will increase by only 3.1%. This protocol stack is shown in Figure 3.~~

Please replace the paragraph beginning at page 3, line 26, with the following rewritten paragraph:

It is an object of the present invention to provide an arrangement that eliminates the drawbacks described above. ~~The features defined in the independent claim enclosed characterize this method~~.